What is claimed is:

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and

- 1. A system for controlling a safety system of an automotive vehicle comprising:
- a first controller generating a first control
 signal;
- 5 a second controller generating a second control signal;

an arbitration module coupled to the first controller and the second controller, said arbitration module choosing the higher of the first control signal and the second control signal to a final control signal;

the safety system coupled to the arbitration module, said safety system operated corresponding to the final control signal.

- 2. A system as recited in claim 1 wherein the first controller comprises a transition controller.
 - 3. A system as recited in claim 1 wherein the second controller comprises a proportional-derivative controller.
- 4. A system as recited in claim 1 wherein the second controller comprises a proportional-integral derivative controller.
- 5. A system as recited in claim 1 wherein the second controller comprises a proportional-integral25 derivative-double derivative controller.

- 6. A system as recited in claim 1 wherein the first signal and the second control signal comprise pressure signals.
- 7. A system as recited in claim 1 wherein 5 the first signal and the second control signal comprise pressure request signals.
 - 8. A system as recited in claim 1 wherein the safety system comprises a rollover control system.
- 9. A system of operating a rollover control 10 system of an automotive vehicle comprising:
 - a first controller generating a first pressure control signal;
 - a second controller generating a second pressure control signal;
- an arbitration module coupled to the first controller and the second controller, said arbitration module choosing the higher of the first pressure control signal and the second pressure control signal to a final pressure control signal; and
- the safety system coupled to the arbitration module, said safety system operated with the final pressure control signal.
 - 10. A system as recited in claim 9 wherein the first controller comprises a transition controller.

- 11. A system as recited in claim 9 wherein the second controller comprises a proportional-derivative controller.
- 12. A system as recited in claim 9 wherein 5 the second controller comprises a proportional-integral derivative controller.
 - 13. A system as recited in claim 9 wherein the second controller comprises a proportional-integral-derivative-double derivative controller.
- 14. A system as recited in claim 9 wherein the first signal and the second control signal comprises pressure signals.
- 15. A system as recited in claim 9 wherein the first signal and the second control signal comprise pressure request signals.
 - 16. A system as recited in claim 9 wherein the safety system comprises a rollover control system.
 - 17. A method of controlling a hydraulic safety system of an automotive vehicle comprising:
- 20 determining an angular vehicle position;
 - in a first controller generating a first control signal; and
- when the angular position is greater than a threshold, generating a second control signal from a second controller.

- 18. A method as recited in claim 17 wherein the threshold corresponds substantially to a linear region and non-linear region.
- 19. A method as recited in claim 17 wherein 5 the angular vehicle position comprises a roll angle.
 - 20. A method as recited in claim 17 wherein the angular position corresponds to two-wheel lift.
 - 21. A method as recited in claim 17 wherein angular position is inferred by a requested PID signal.
- 10 22. A method of operating a safety system in an automotive vehicle comprising:

in a non-divergent region of dynamics of the vehicle, operating the safety system with a transition controller; and

- in a divergent region of dynamics of the vehicle, operating the safety system with a proportional-derivative controller.
- 23. A method as recited in claim 22 wherein the proportional-derivative controller comprises 20 a PID controller.